Lumbar Spinal Stabilization

DSS Stabilization System

The DSS system provides Semi-Rigid and Rigid Stabilization for customized Spine Stabilization according to Pathology at the Functional Spine Unit (FSU).

- Multilevel, Semi-Rigid Spine Stabilization or Single Level Rigid Spine Stabilization as an adjunct to fusion
- Systematic approach to Spine Stabilization
- Modularity provides flexibility to match anatomy and the rigidity of stabilization required
- Single Instrument Set for Semi-Rigid and Rigid constructs
- DDD, Spondylolisthesis, Trauma, Kyphosis, Stenosis, Pseudarthrosis

DSS® Stabilization System

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Slotted Coupler and Rigid Coupler

Slotted Coupler

- Restriction of shear forces
- Physiological motion is limited
- Polyaxial screw connection
- Defined longitudinal displacement capability allows controlled guidance
- Overload protection
- Length adjustment in 0.5 mm increments

Rigid Coupler

- Very short distances possible (L5/S1)
- Set screw for safe fixation
- Polyaxial screw connection
- Telescoping feature for precise length adjustment

Options:

Customized Stabilization for specific pathology at Functional Spine Unit (FSU)

- Adjustable couplers adapt to interpedicular lengths and anatomy
- Cannulated polyaxial screws for MIS approach
- Intuitive instrumentation, easy-to-use
- Sterile packaging of all implants for traceability, inventory management and reduced burden on sterile processing
- Approved for use with autograft and/or allograft

Pedicle Screw Set

- Breaking Nut
- Washer
- Spacer
- Pedicle Screw
- Parallel outer thread diameter
- Blunt tip
- Cannulation supports MIS techniques
- Torx attachment for elongation lever and counter torque instrument
- Thread for spacer and nut
- Screwdriver attachment
- Trapezoidal thread in upper region
- Conical core
- Parallel core

* The safety and effectiveness of this device has not been established for the intended use of spinal stabilization without fusion. This device is only intended to be used when fusion with bone graft is being performed at all instrumented levels.

* See U.S. IFU for Indications, Warnings, Precautions and Limitations.

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